

PROGUARD Windshield Washer Fluid Concentrate

SDS Number: 901251

1 PRODUCT AND COMPANY INFORMATION

Product Name: PROGUARD Windshield Washer Fluid Concentrate
Revision Date: 01/25/2016
SDS Number: 901251
Common Name: Windshield washer fluid
CAS Number: Blend
Product Code: 901251
Synonyms: Alcohol based cleaner

Company Identification:

Manufactured for:
LYDEN OIL COMPANY
3711 LeHarps Drive
Youngstown, OH 44515

For Product Information: 1-330-792-1100
For Emergencies: 1-800-424-9300
CHEMTREC: 1-800-424-9300 or 1-703-527-3887

2 HAZARDS IDENTIFICATIONSignal Word:**DANGER**Hazard Classes/Categories:

Flammable liquid, Category 2.
Acute toxicity, Oral category 3.
Acute toxicity, Dermal category 3.

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Acute toxicity, Inhalation category 3.
Specific target organ toxicity – single exposure, Category 1.

Hazard Statement(s):

H225: Highly flammable liquid and vapor.
H301: Toxic if swallowed.
H311: Toxic in contact with skin.
H331: Toxic if inhaled.
H370: Causes damage to organs.

Precaution Statement(s):

P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P103: Read label before use.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233: Keep container tightly closed.
P240: Ground/bond container and receiving equipment.
P241: Use explosion-proof electrical/ventilating/lighting equipment.
P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.
P260: Do not breathe dust/fumes/gas/mist/vapors/spray.
P264: Wash skin thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P330: Rinse mouth.
P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P311: Call a POISON CENTER/ doctor.
P363: Wash contaminated clothing before reuse.
P370+378: In case of fire: Use dry sand, dry chemical, or alcohol-resistant foam to extinguish.
P403: Store in a well ventilated place.
P404: Store in a closed container.

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P405: Store locked up.
P501: Dispose of contents/container in accordance with local/regional/national/international regulation.

Other Hazard Statement(s):

-NFPA Ratings:
Health = 1
Fire = 3
Reactivity = 0

3 COMPOSITION / INFORMATION ON INGREDIENTSIngredients:

Mixture of the substances listed below with nonhazardous additions.

Chemical Name	CAS Number	Percentage
Methanol	67-56-1	90-100

**Any concentration shown as a range is to protect confidentiality or is due to batch variation.*

4 FIRST AID MEASURESDescription of First Aid Measures:

Inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If the victim has difficulty breathing or tightness of the chest, is dizzy, vomiting or unresponsive, give oxygen with rescue breathing or CPR as required and transport to the nearest medical facility.

Skin Contact:

Flush skin with water, wash with soap and water. Remove contaminated clothing. Do not reuse clothing until cleaned. If material is injected under the skin, transport to the nearest medical facility for additional treatment.

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Eye Contact:

Can cause irritation to eyes. Rinse opened eye for at least 15 minutes under running water. If symptoms persist, consult medical attention.

Ingestion:

Call a poison center or physician. Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. DO NOT induce vomiting.

Symptoms and Effects, both acute and delayed:

Can cause irritation to eyes and mucous membranes. Sore throat, shortness of breath, coughing and congestion. Skin irritation, itching, dermatitis. Irritation to mucous membranes.

Recommended Actions:

Treat symptomatically. Call a doctor or poison control center for guidance.

5 FIRE FIGHTING MEASURES

Recommended Fire-Extinguishing Equipment:

Use dry powder, foam, or carbon dioxide fire extinguishers. Water spray may be used for larger fires.

Possible Hazards During a Fire:

Hazardous combustion products may include carbon oxides.

Recommendations to Firefighters:

Proper protective equipment including breathing apparatus.

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6 ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Avoid contact with skin, eyes, and clothing.
Keep away from sources of ignition, direct sunlight,
and high heat.

Emergency Procedures:

Contain spilled material, collect in suitable and
properly labeled containers.

Environmental Precautions:

Do not allow to reach sewage system or any water
course.
Do not allow to enter ground waters.

Cleanup Procedures:

Pick up excess with inert absorbant material. Treat
contaminated absorbent same as spilled product.
Ventillate area of spill.

7 HANDLING AND STORAGE

Handling Precautions:

Handle with care and avoid spillage on the floor.
Do not cut, weld, drill, grind, braze, or solder
container.

Storage Requirements:

Keep container tightly sealed.
Keep away from sources of ignition and heat.

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8 EXPOSURE CONTROLS / PERSONAL PROTECTIONExposure Limits:

-67-56-1 Methanol (90-100%):

ACGIH TWA – 200 ppm

ACGIH STEL – 250 ppm

OSHA TWA – 260 mg/m³Engineering Controls:

All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).

Personal Protective Equipment:Wash hands before breaks and at the end of work.
Use safety glasses and gloves.**9 PHYSICAL AND CHEMICAL PROPERTIES**

Color:	Clear or Blue
Physical State:	Liquid
Odor:	Alcohol
Odor Threshold:	Data not available
pH:	Data not available
Melting Point:	-144° F
Boiling Point:	Data not available
Boiling Range:	Data not available
Flash Point:	57° F
Evaporation Rate:	5.9 (where Butyl Acetate - 1)
Flammability:	Data not available
Flammability Limits:	Data not available
Vapor Pressure:	128 hPa at 20° C
Vapor Density:	1.11 (Air = 1)
Relative Density:	0.85 (where water = 1)
Solubilities:	Completely soluble in water
Partition Coefficient:	Data not available
Auto-Ignition Temperature:	Data not available
Decomposition Temperature:	Data not available
Viscosity:	Data not available

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10 STABILITY AND REACTIVITYStability:

Stable under normal conditions.

Reactivity:

Not reactive under normal conditions.

Conditions to Avoid:

Elevated temperatures, sparks, open flame, and direct sunlight.

Hazardous Reactions:

No known hazardous reactions.

Incompatible Materials:

Strong oxidizers, strong acids, and strong bases.

Decomposition Products:

Oxides of carbon, and hydrogen.

11 TOXICOLOGICAL INFORMATIONRoutes of Exposure:

Skin and eye contact are the primary routes of exposure although exposure may occur following accidental ingestion.

Exposure Effects:

Repeated skin contact may cause dermatitis. Exposure to eyes may cause redness and blurred vision. Harmful if swallowed, may cause burns to mouth and esophagus.

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Measures of Toxicity:

Component Acute Toxicity Estimates:

Methanol:

Oral LD50: 7300 mg/kg (rat)

Dermal LD50: 15800 mg/kg

Inhalative LC50: 87.5 mg/l (6 hours) (rat)

Carcinogenic/Mutagenic Precautions:

Non-carcinogenic and not expected to be mutagenic.

12 ECOLOGICAL INFORMATION

Ecological Precautions:

Avoid exposing to the environment.

Ecological Effects:

No specific environmental or aquatic data available.

13 DISPOSAL CONSIDERATIONS

Disposal Methods:

Dispose of waste material in accordance with all local, state, and federal requirements.

Disposal Containers:

Use properly approved container for disposal.

Special Precautions:

Do not flush to surface waters or drains.

14 TRANSPORT INFORMATION

UN Number:

UN 1993

UN Shipping Name:

Flammable Liquids, N.O.S. (Methanol)



Safety Data Sheet

Lyden Oil Company

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Transport Hazard Class: 3
Packing Group: II

Environmental Hazards:
Data not available

Bulk Transport Guidance:
Reportable Quantity: 5000 pounds

Special Precautions:
Placard: FLAMMABLE

15 REGULATORY INFORMATION

This material and all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substances Control Act.

16 OTHER INFORMATION

Last Revision Date: 01/25/2016

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